LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041422\
Data File : BM034668.D
Acq On : 14 Apr 2022 14:54
Operator : CG/JU
Sample : N2266-13
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
YAYW4

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040922.M
Title : SVOA CALIBRATION

Signal : TIC: BM034668.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.249	32	36	44	rVB	44277	59865	1.92%	0.202%
2	3.678	106	109	124	rBV	127140	217371	6.98%	0.734%
3	4.013	163	166	171	rVB4	10189	14079	0.45%	0.048%
4	6.866	647	651	656	rVB5	5366	6729	0.22%	0.023%
5	7.031	674	679	689	rBV	96044	195516	6.28%	0.660%
6	7.195	701	707	724	rBV	441324	744491	23.90%	2.514%
7	7.395	735	741	756	rBV	441881	772802	24.81%	2.610%
8	7.866	812	821	831	rBV	440446	747346	24.00%	2.524%
9	8.107	859	862	868	rVB5	6358	10913	0.35%	0.037%
10	8.360	903	905	910	rBV6	2691	3529	0.11%	0.012%
11	8.425	910	916	919	rBV6	4655	8085	0.26%	0.027%
12	8.578	931	942	956	rBV	322225	621839	19.97%	2.100%
13	9.031	1012	1019	1033	rBV	532397	926590	29.75%	3.129%
14	9.478	1092	1095	1100	rVB3	9341	13274	0.43%	0.045%
15	9.754	1135	1142	1155	rBV	396425	723883	23.24%	2.444%
16	9.942	1172	1174	1181	rVB7	2718	4880	0.16%	0.016%
17	10.072	1194	1196	1201	rVB4	2295	3238	0.10%	0.011%
18	10.301	1228	1235	1246	rBV	510459	947480	30.42%	3.199%
19	10.678	1289	1299	1307	rBV	589586	1006378	32.31%	3.398%
20	10.813	1314	1322	1339	rBV	359528	804672	25.84%	2.717%
21	11.972	1513	1519	1525	rVB2	9752	16425	0.53%	0.055%
22	12.130	1537	1546	1551	rBV4	6744	14756	0.47%	0.050%
23	12.301	1567	1575	1583	rBV6	6280	16493	0.53%	0.056%
24	12.889	1671	1675	1679	rVV6	2528	4177	0.13%	0.014%
25	12.925	1679	1681	1686	rVB4	2690	4381	0.14%	0.015%
26	13.019	1693	1697	1701	rVB6	2720	4245	0.14%	0.014%
27	13.066	1701	1705	1708	rBV6	2473	3979	0.13%	0.013%
28	13.354	1749	1754	1759	rBV2	11895	18751	0.60%	0.063%
29	13.924	1845	1851	1862	rBV	1188882	1682423	54.02%	5.681%
30	14.207	1892	1899	1914	rBV	1304566	1898005	60.94%	6.409%
31	14.424	1932	1936	1940	rVB6	3152	5626	0.18%	0.019%
32	14.513	1945	1951	1964	rBV	815490	1229935	39.49%	4.153%
33	14.754	1983	1992	1995	rBV6	10110	23735	0.76%	0.080%
34	15.507	2113	2120	2134	rBV	1691658	2454923	78.82%	8.290%
35	15.624	2134	2140	2156	rVV	532777	839322	26.95%	2.834%
36	15.748	2157	2161	2169	rVB2	19777	36845	1.18%	0.124%

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Title : SVOA CALIBRATION

37	16.207	2236	2239	2241	rBV3	2700	4194	0.13%	0.014%
38	16.295	2249	2254	2259	rVB8	6480	10561	0.34%	0.036%
39	16.936	2357	2363	2366	rBV6	3434	5981	0.19%	0.020%
40	17.048	2379	2382	2385	rVB4	3706	4047	0.13%	0.014%
41	17.254	2411	2417	2426	rBV	902488	1337567	42.95%	4.517%
42	17.354	2428	2434	2452	rVV	1800958	2696416	86.57%	9.105%
43	18.154	2566	2570	2580	rBV2	81747	148079	4.75%	0.500%
44	18.454	2619	2621	2625	rBV4	2812	3208	0.10%	0.011%
45	19.212	2747	2750	2756	rVB4	22326	30263	0.97%	0.102%
46	19.289	2759	2763	2768	rBV	19314	28195	0.91%	0.095%
47	19.436	2784	2788	2794	rBV8	15731	26668	0.86%	0.090%
48	19.648	2818	2824	2830	rBV	2316110	3114585	100.00%	10.517%
49	21.148	3075	3079	3091	rBV	312424	462734	14.86%	1.563%
50	21.436	3123	3128	3144	rBV	741273	1378235	44.25%	4.654%
51	22.612	3325	3328	3332	rVB	99696	124657	4.00%	0.421%
52	23.659	3499	3506	3513	rBV	1367294	2790814	89.60%	9.424%
53	23.812	3526	3532	3541	rVB2	663273	1360315	43.68%	4.594%

Sum of corrected areas: 29613500

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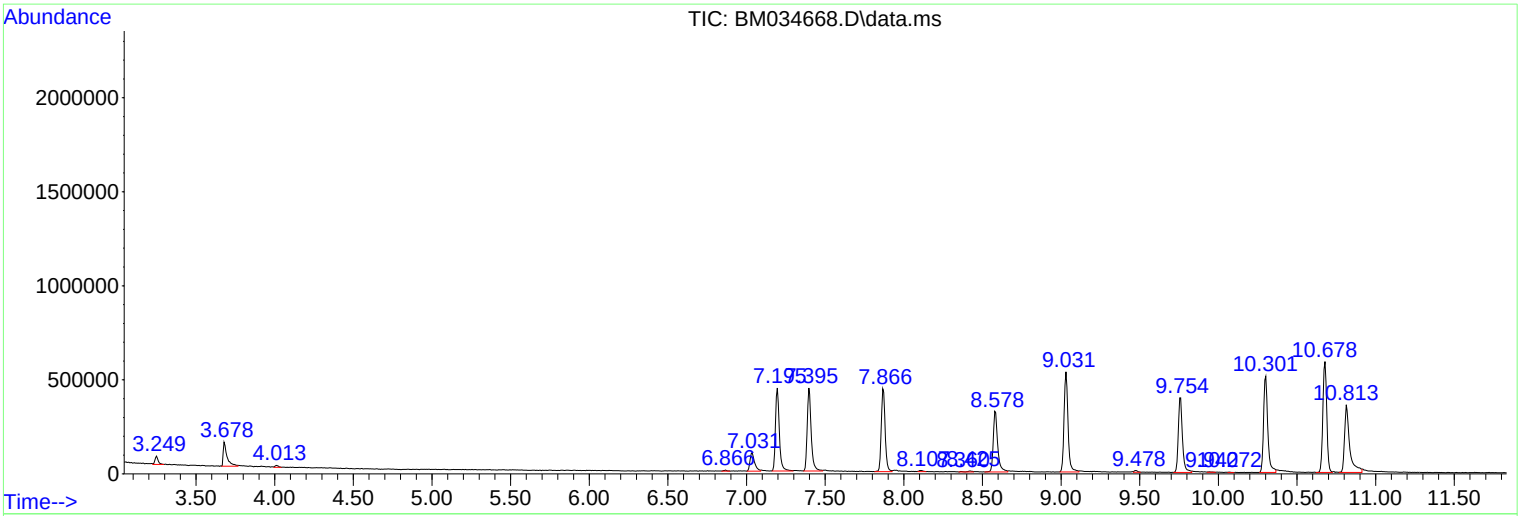
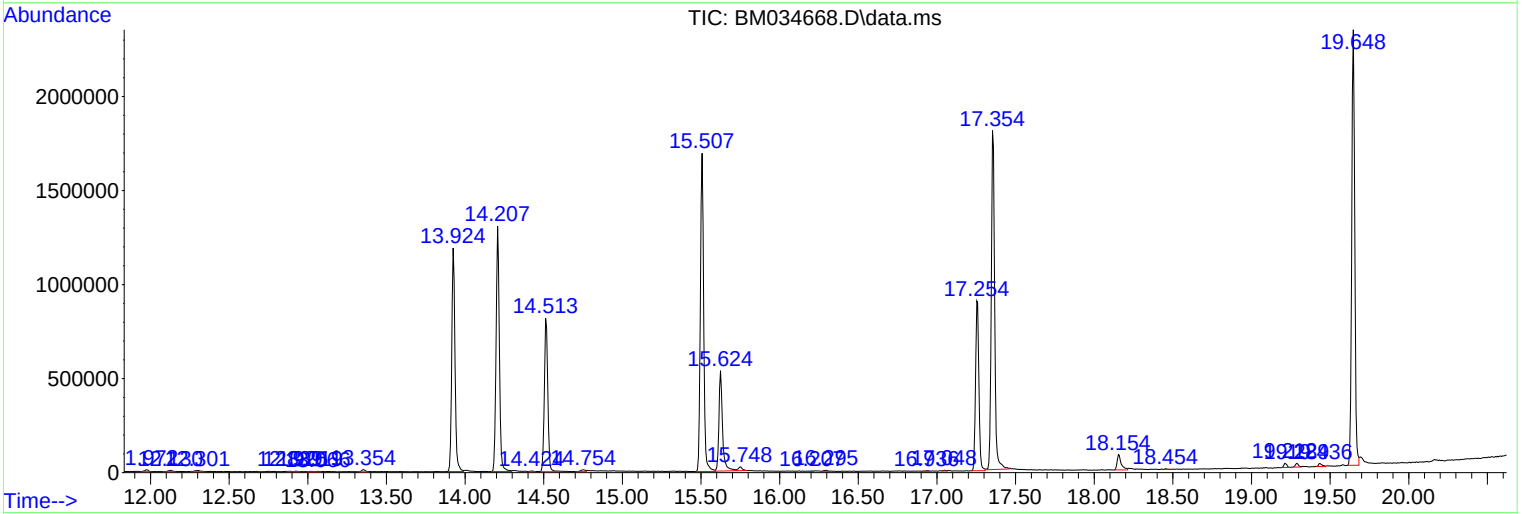
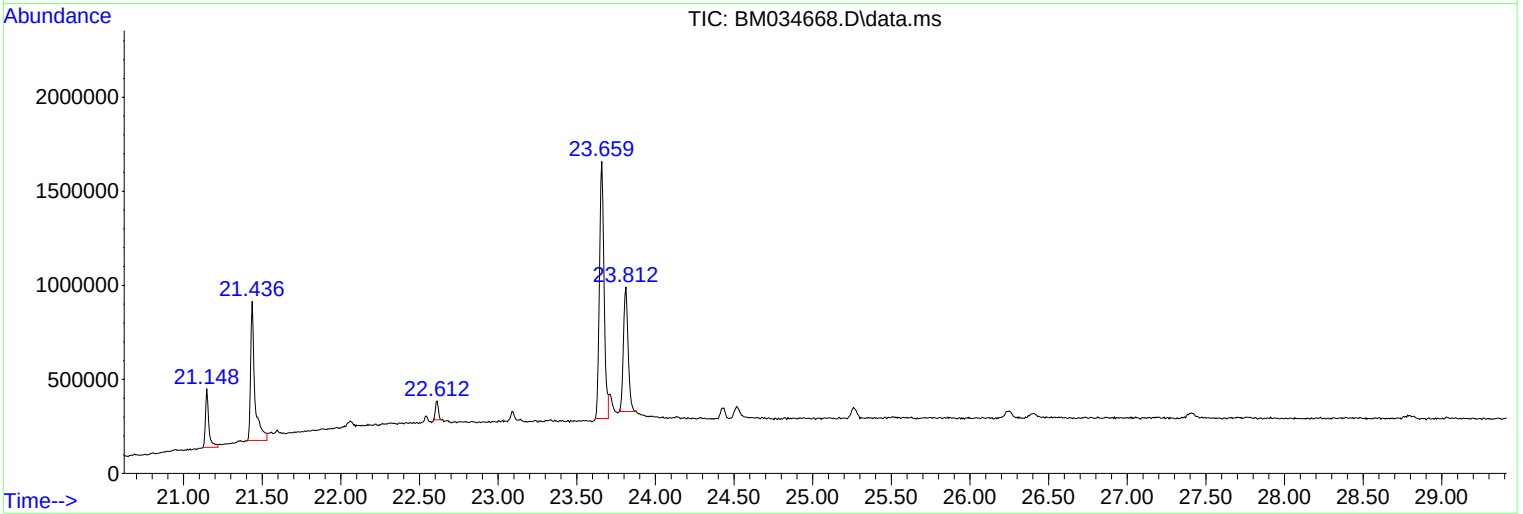
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040922.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







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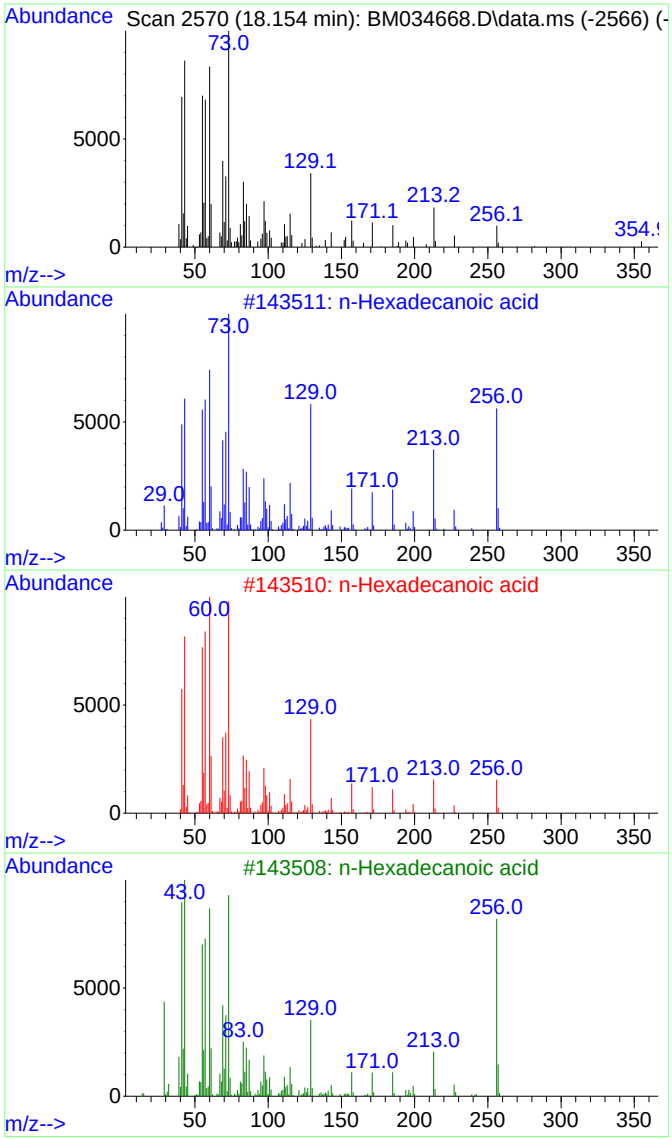
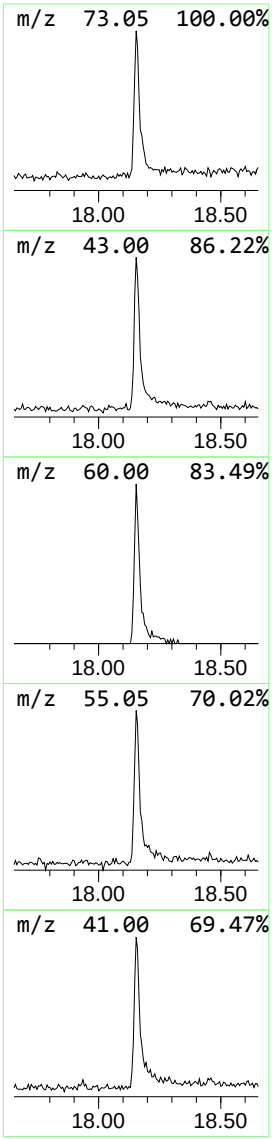
Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.154	2.21 ng/ul	148079	Phenanthrene-d10	17.254

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
5	Tridecanoic acid	214	C13H26O2	000638-53-9	94





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TIC Library : C:\Database\NIST20.L
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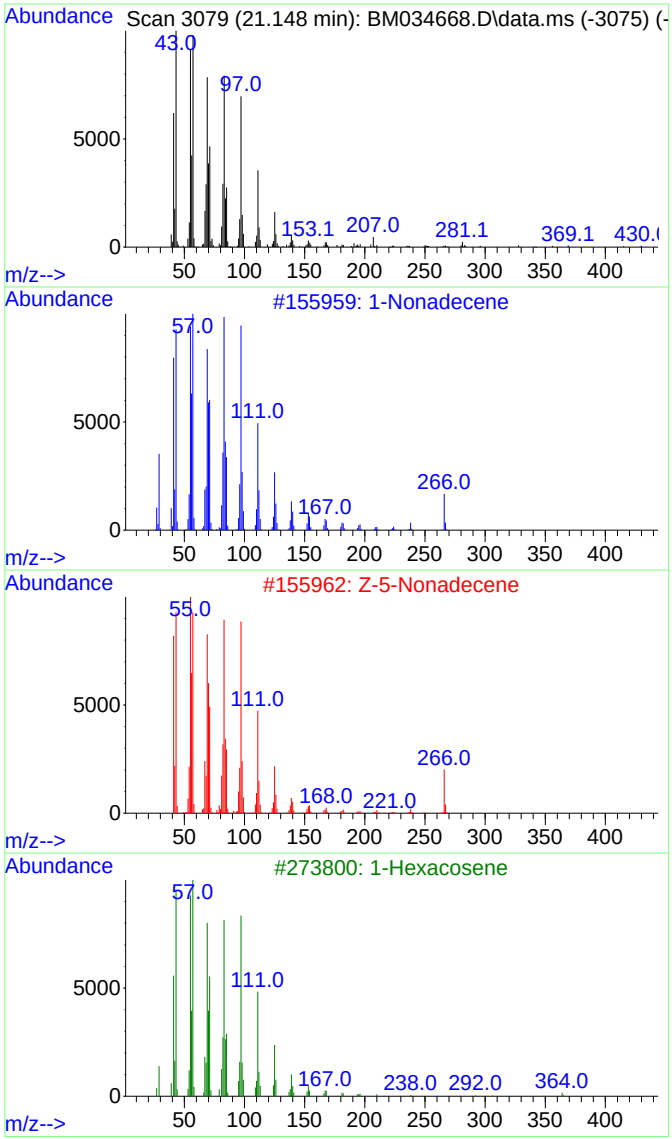
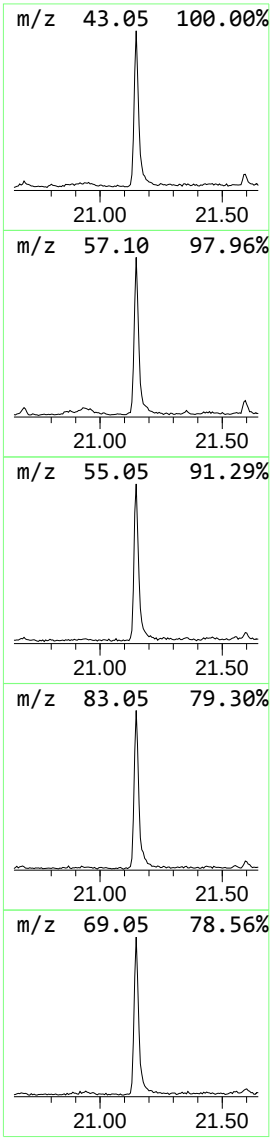
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.148	6.71 ng/ul	462734	Chrysene-d12	21.436

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	97
2	Z-5-Nonadecene	266	C19H38	1000131-11-8	96
3	1-Hexacosene	364	C26H52	018835-33-1	94
4	1-Tetracosene	336	C24H48	010192-32-2	94
5	1-Docosene	308	C22H44	001599-67-3	93





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic ...	18.154	2.2	ng/ul	148079	4	17.254	1337570	20.0
(DEL) Alkane: S...	21.148	6.7	ng/ul	462734	5	21.436	1378240	20.0